

TRADEMARK ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Mold-Masters Luxembourg Holdings S.A.R.L.		10/11/2007	LIMITED LIABILITY COMPANY: LUXEMBOURG
Mold-Masters Luxembourg Acquisitions S.A.R.L.		10/11/2007	LIMITED LIABILITY COMPANY: LUXEMBOURG
4437667 Canada Inc.		10/11/2007	CORPORATION: CANADA
RECEIVING PARTY DATA			
Name:	Societe Generale		
Street Address:	1221 Avenue Americas		
City:	New York		
State/Country:	NEW YORK		
Postal Code:	10020		
Entity Type:	CORPORATION: FRANCE		
PROPERTY NUMBERS Total: 37			
Property Type	Number	Word Mark	
Serial Number:	74429167	DURA MEGA-SHOT	
Serial Number:	78361109	FLEX-SERIES	
Serial Number:	78392962	FEMTO-LITE	
Serial Number:	78873356	ACCU-VALVE	
Serial Number:	73043871	MOLD-MASTERS SYSTEM	
Serial Number:	78942495	RHEO-FLOW	
Serial Number:	78360984	MELT-LINK	
Serial Number:	78873359	MELT-DISK	
Serial Number:	78900804	FUSION SERIES	
Serial Number:	75166773	FLEX-DURA	
Serial Number:	78391774	MASTERCARE	

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REEL: 003671 FRAME: 0315

Serial Number:	78906272	ENDURA
Serial Number:	74674405	DURA FEMTO-SHOT
Serial Number:	76510772	
Serial Number:	76510771	
Serial Number:	76510770	
Serial Number:	74214901	DURA
Serial Number:	73583456	SCAN-MASTER
Serial Number:	76417873	MASTER-SERIES
Serial Number:	74081891	INJECTIONEERING
Serial Number:	75696113	MERLIN
Serial Number:	74429170	DURA HECTO-SHOT
Serial Number:	74429168	DURA CENTI-SHOT
Serial Number:	76170673	MERLIN
Serial Number:	78361001	PIVOT-LINK
Serial Number:	78212140	OPTIMA
Serial Number:	73426873	MASTER-PROBE
Serial Number:	73215570	MASTER-SHOT
Serial Number:	73138894	HOT EDGE
Serial Number:	78391833	MASTERSPEED
Serial Number:	78391757	MASTERSOLUTION
Serial Number:	74429169	DURA DECI-SHOT
Serial Number:	74429166	DURA PICO-SHOT
Serial Number:	74210875	MOLD-MASTERS ACADEMY
Serial Number:	76472943	STACK-LINK
Serial Number:	73026671	MOLD-MASTERS
Serial Number:	76042139	THE ULTIMATE CUSTOMER EXPERIENCE

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

BCG_SOCGEN

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REEL: 003671 FRAME: 0316

NAME OF SUBMITTER:	Randee Sibul-Gelbert
Signature:	/Randee Sibul-Gelbert/
Date:	12/04/2007
<p>Total Attachments: 25</p> <p>source=BCG_SocGenI_SecAgmt#page1.tif</p> <p>source=BCG_SocGenI_SecAgmt#page2.tif</p> <p>source=BCG_SocGenI_SecAgmt#page3.tif</p> <p>source=BCG_SocGenI_SecAgmt#page4.tif</p> <p>source=BCG_SocGenI_SecAgmt#page5.tif</p> <p>source=BCG_SocGenI_SecAgmt#page6.tif</p> <p>source=BCG_SocGenI_SecAgmt#page7.tif</p> <p>source=BCG_SocGenI_SecAgmt#page8.tif</p> <p>source=BCG_SocGenI_SecAgmt#page9.tif</p> <p>source=BCG_SocGenI_SecAgmt#page10.tif</p> <p>source=BCG_SocGenI_SecAgmt#page11.tif</p> <p>source=BCG_SocGenI_SecAgmt#page12.tif</p> <p>source=BCG_SocGenI_SecAgmt#page13.tif</p> <p>source=BCG_SocGenI_SecAgmt#page14.tif</p> <p>source=BCG_SocGenI_SecAgmt#page15.tif</p> <p>source=BCG_SocGenI_SecAgmt#page16.tif</p> <p>source=BCG_SocGenI_SecAgmt#page17.tif</p> <p>source=BCG_SocGenI_SecAgmt#page18.tif</p> <p>source=BCG_SocGenI_SecAgmt#page19.tif</p> <p>source=BCG_SocGenI_SecAgmt#page20.tif</p> <p>source=BCG_SocGenI_SecAgmt#page21.tif</p> <p>source=BCG_SocGenI_SecAgmt#page22.tif</p> <p>source=BCG_SocGenI_SecAgmt#page23.tif</p> <p>source=BCG_SocGenI_SecAgmt#page24.tif</p> <p>source=BCG_SocGenI_SecAgmt#page25.tif</p>	

INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT (the "**Agreement**") is dated as of October 11, 2007 in favour of Société Générale, having its business address at 1221 Avenue Americas, New York, N.Y., 10020 as the Collateral Agent for the Lenders pursuant to the Credit Agreement dated October 11, 2007 between Mold-Masters Luxembourg Holdings S.A.R.L., Mold-Masters Luxembourg Acquisitions S.A.R.L., 4437667 Canada Inc. (the "**Borrower**"), the Lenders (in such capacity, the "**Secured Party**") and the other parties thereto.

WHEREAS the Borrower, pursuant to the Credit Agreement, has granted a debenture to the Secured Party, dated on or about the date hereof (as the same may be amended, modified, supplemented, renewed, extended or restated from time to time), pursuant to which the Borrower has granted to the Secured Party, a security interest in and to the Pledged Collateral, including the Intellectual Property Collateral, (as defined below) and the Secured Party wishes to record this Agreement with the Canadian Intellectual Property Office and the United States Patent and Trademark Office.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the Borrower, the Borrower hereby agrees with the Secured Party as follows:

SECTION 1. Defined Terms. Unless otherwise defined herein, terms defined used herein have the meaning given to them in the Credit Agreement.

SECTION 2. Grant of Security Interest in Intellectual Property Collateral. As collateral security for the payment and performance in full of all the Obligations, the Borrower has granted and, for greater certainty, hereby grants to the Secured Party for the benefit of the Lenders, a fixed charge on and a security interest in all of its right, title and interest in, under and to all Pledged Collateral, consisting of intellectual property, including:

(a) the Canadian trade-marks and trade-mark applications referred to in Schedule A attached hereto;

(b) the Canadian patents and the patent applications referred to in Schedule B attached hereto;

(c) the Canadian copyrights referred to in Schedule C attached hereto;

(d) the U.S. patents and patent applications referred to in Schedule D attached hereto; and

(e) the U.S. trademarks and trademark applications referred to in Schedule E attached hereto; and

(f) the U.S. copyright registration referred to in Schedule F attached hereto.

(collectively the "**Intellectual Property Collateral**")

SECTION 3. The Intellectual Property Collateral. The Intellectual Property Collateral shall not include any Intellectual Property to the extent that granting or perfecting a security interest would result in the invalidity, unenforceability, abandonment, cancellation or voiding thereof.

SECTION 4. Termination. Upon the full performance of the Obligations, the Secured Party shall, upon notice from and at the Borrower's expense, execute and deliver to the Borrower such documents as the Borrower shall reasonably request to terminate under this Agreement.

SECTION 5. Governing Law. This Agreement shall be governed by and interpreted and enforced in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

SECTION 6. Counterparts. This Agreement may be executed in any number of counterparts (including by way of facsimile or electronic transmission) and all or such counterparts taken together shall be deemed to constitute one and the same instrument.

- Signatures on the next page -

IN WITNESS WHEREOF, the Borrower has caused this Agreement to be duly executed and delivered by its duly authorized officer as of the date set forth above.

4437667 CANADA INC.

Witness

By:

Name: Jonathan Fischer

Title:

Accepted and Agreed:

SOCIÉTÉ GÉNÉRALE,
as administrative agent

By:

Name:

Title:

Witness

4437667 IP Security Agreement

TRADEMARK
REEL: 003671 FRAME: 0320

IN WITNESS WHEREOF, the Borrower has caused this Agreement to be duly executed and delivered by its duly authorized officer as of the date set forth above.


4437667 CANADA INC.


Witness

By: _____
Name: _____
Title: _____

Accepted and Agreed:

SOCIÉTÉ GÉNÉRALE,
as administrative agent

By: 
Name: Michael Finkelman
Title: Managing Director



Witness Deepa Dadlani
Vice President

SCHEDULE A

CANADIAN TRADE-MARKS AND TRADE-MARK APPLICATIONS

Trademark	Application No.	Trademark Registration #
MOLD MASTERS LIMITED ACADEMY	0690546	424547
MASTER-SHOT	0433010	248643
SCAN-MASTER	0548696	319883C
MASTER-PROBE	0503007	287272C
ENDURA	1203646	
FLEX-DURA	0821800	486844
INJECTIONEERING	0651360	385552
HOT EDGE	0391081	217717C
DURA	0691043	404675
TEMP-MASTER	0482547	276376
MOLD-MASTERS LIMITED	0376068	206091
THE ULTIMATE CUSTOMER EXPERIENCE	1054610	580519
MERLIN	1012115	540817
MERLIN	1076432	570271
DURA CENTI-SHOT	0744851	464834C
DURA HECTO-SHOT	0744853	481679
DURA DECI-SHOT	0744852	464835
DURA FEMTO-SHOT	0781819	494116C
DURA MEGA-SHOT	0744854	494110C
DURA PICO-SHOT	0744506	464197
MOLD MASTERS LIMITED SYSTEM	0379224	209786
MASTER-SERIES	1209066	630343C
STACK-LINK	1191032	
OPTIMA	1167928	
ACCU-VALVE	005431705	
MELT-DISK	1322603	
FUSION SERIES	1322601	
NOZZLE Design	1342257	

SCHEDULE B
CANADIAN PATENTS AND PATENT APPLICATIONS

Title	Application No.	Patent No.
Injection Molding One-Piece Insert Having Cooling Chamber with Radial Rib Portions	Not yet filed	
Removing Volatiles from Plastic Materials Delivered to an Extrusion or Injection Molding Machine	398389	1327687C
Injection Molding System Having Clamped Rotatable Nozzles & Method	549516	1266358C
Injection Molding Nozzle having Grounded Heater Element Brazed into Pointe Tip	549518	1261573
Injection Molding Single Nozzle Valve Gating	554730	1261571
Injection Molding Elongated Probe Having Integral Heating Element & Locating Means	563983	1266360C
Injection Molding Nozzle Having Nose Portion with Heating Element Encircling the Bore & Method	578973	1280268C
Method of Manufacture of an Electrical Terminal on an Injection Molding Nozzle	578975	1265916C
Injection Molding Rack and Pinion Valve Pin Actuating Mechanism	586166	1303314C
Sprue gated stack injection molding system	589614	1265908C
Injection Molding Nozzle Having Circumferentially Spaced Conductive Probes	590793	1268915C
Injection Molding System Having a Valve Member with a Ribbed Insulative Portion	591009	1292848C
Injection Molding Nozzle With Self-Supporting Actuating Mechanism	592346	1274369C
Injection Molding System Having Valve Member Split Ring	601623	1309819C
Injection Molding System Having Offset Valve Pin Biasing Mechanism	601625	1291611C
Injection Molding System Having Dual Feed Bushing Seated in Manifold	604608	1278409C
Injection Molding System with Flanged Insulating Gate Seal	605616	1318998C
Pneumatic Actuating Mechanism for Injection Molding	605753	1292849C
Injection Molding System with Gas Flow Through Valve Gate	606079	1311893C
Injection Molding System Having Fluid Cooled Inserts	606082	1314370C
Injection Molding Manifold and Nozzle Having Laterally Clamped Flanges	2008170	2008170C
Method of Making a Selected Size Injection Molding Nozzle	2008171	2008171C
Injection Molding System Having Spring Biased Nozzles	2010855	2010855C
Injection Molding Manifold Having a Pair of Cooling Bores on Opposite Sides of the Melt Passage	2010961	2010961C
Injection molding cooled socket holder for a heated nozzle	2022120	2022120C
Pre-Wired Injection Molding Assembly	2022122	2022122C

Title	Application No.	Patent No.
Injection Molding Insulative and Resilient Spacer Member	2022123	2022123C
Injection Molding Nozzle Having Tapered Heating Element Adjacent the Bore	2030286	2030286C
Injection Molding Apparatus Having Separate Heating Element in the Cavity Forming Insert	2030287	2030287C
Multi-Cavity Melt Distribution Manifold	2032396	2032396C
Injection Molding Probe with a Longitudinal Thermocouple Bore and Off Center Heating Element	2037186	2037186C
Injection Molding Nozzle for an Injection Molding System	2051462	2051462C
Heated Nozzle for Plastic Injection and Manufacturing Method Therefor	2052053	2052053C
Multi-Cavity Injection Molding System	2052081	2052081C
Injection Molding Apparatus with Angled Tip Probe	2052595	2052595C
Injection Molding Sealing Collar With Central Hot Tip Shaft	2057438	2057438C
Method of Manufacturing Injection Molding Probe	2057439	2057439C
Injection molding probe with coaxial thermocouple tube and heating element	2059960	2059960C
Multi-Cavity Injection Molding Heated Nozzle	2064677	2064677C
Coinjection molding apparatus having rotary axial actuating mechanism	2068543	2068543C
Injection Molding Nozzle With Removable Forward Member	2073710	2073710C
Injection Molding Nozzle Insert	2074694	2074694C
Injection Molding Nozzle Having Electrical Terminal with Insulative Connector	2078180	2078180C
Injection molding nozzle with partially unheated heating element	2083413	2083413C
Method of Making Injection Molding Nozzle With Heating Element Extending Outward Between Adjacent Collar Portions	2084296	2084296C
Injection Molding Nozzle With Thermocouple Tube	2088228	2088228C
Injection Molding Nozzle Insert with Valve Member Locating Blades	2091406	2091406C
Injection Molding Torpedo With Thermocouple Bore	2091409	2091409C
Injection molding torpedo with shaft having ceramic central portion	2093588	2093588C
Injection Molding Insert With Melt Inlet and Pin Aligned	2099334	2099334C
Two Piece Injection Molding Nozzle Seal	2099454	2099454C
Injection Molding Nozzle Which Retains a Thermocouple Element	2101480	2101480C
Heated Injection Molding Nozzle with Alternate Thermocouple Bores	2102854	2102854C
Injection Molding Apparatus with Perpendicular Hot Tip Gates	2110438	2110438C
Valve Gated Injection Molding Apparatus with a Spring in the Piston	2111248	2111248C
Injection Molding Valve Member Sealing Bushing With Thin Collar Portion	2115613	2115613C
Injection Molding Nozzle With Two Removable Inserts	2123360	2123360C
Injection molding manifold having a heating element extending between the plates	2123472	2123472C

Title	Application No.	Patent No.
Injection Molding One-Piece Insert Having Cooling Chamber with Radial Rib Portions	2126431	2126431C
Injection Molding Nozzle With Helical Cooling Conduit	2127210	2127210C
Injection Molding Nozzle With Removable Collar Portion	2127211	2127211C
Injection Molding Heated Nozzle with Protective Tubes	2129286	2129286C
Method of Making Injection Molding Nozzle	2132281	2132281C
Valve Gated Stack Injection Molding Apparatus	2137178	2137178C
Injection Molding Nozzle with Separable Core and One-Piece Collar	2137702	2137702C
Method of Manufacturing Injection Molding Manifold Having A Melt Passage With An Elbow	2138353	2138353C
Side Gated Injection Molding Apparatus With Radially Mounted Gate Inserts	2149385	2149385C
Injection molding apparatus with nozzle advanceable to mount side gate seals	2149386	2149386C
Injection molding hot tip side gate seal with circumferential rim	2149387	2149387C
Injection molding nozzle with pressed in heating element and integral collar portion	2152664	
Injection Molding Nozzle with Radial Vanes	2154969	2154969C
Cooled Thread Split Inserts for Injection Molding Preforms	2160644	2160644C
Injection Molding Nozzle Manifold	2164557	2164557C
Injection Molding Carbide Torpedo	2165514	
Injection Molding Valve Member With Head and Neck Portions	2175634	2175634C
Heated Nozzle Manifolds In Common Plane Interconnected Through Connector Manifolds	2180601	
Four Heated Nozzle Manifolds Interconnected in a Common Plane	2180602	2180602C
Injection Molding Nozzle Method Using a Terminal Locating & Sealing Ring	2181964	2181964C
Heating Element Method	2183722	2183722C
Injection Molding Nozzle Guide and Sealing Ring	2187497	2187497C
Injection Molding Nozzle with Edge Gate Inserts and Sealing Ring	2190569	2190569C
Injection molding apparatus with a one-piece gate insert locating a cylindrical valve member	2203741	2203741C
Connector Bushing for Injection Molding Manifolds	2205978	2205978C
Nozzle Retaining Apparatus	2206972	2206972C
Injection Molding Apparatus Having Melt Dividing Bushings	2219054	2219054C
Injection Molding Apparatus Having Melt Transfer and Dividing Bushing	2219197	2219197C
Five Layer Injection Molding Apparatus Having Four Position Valve Member Actuating Mechanism	2219235	2219235C
Injection Molding Apparatus Having Melt Bore Through The Front End of The Pin	2219247	2219247C

Title	Application No.	Patent No.
Sprue Gated Multi-Layer Injection Molding Apparatus	2219257	2219257C
Injection Molding Apparatus Having Inter-Manifold Melt Transfer Bushings	2219260	2219260C
Side Gated Injection Molding Apparatus With Actuated Manifold	2221425	2221425C
Injection Molding Apparatus With Cooled Core	2224796	2224796C
Multi-layer injection molding apparatus having adjustable valve member	2225287	2225287
Injection molding cooled gate insert	2228458	
Injection Molding Three Portion Gate and Cavity Insert	2228931	2228931C
Injection Molding Cylindrical Manifold Insert and Method	2233433	2233433C
Method of Making Injection Molding Cooled Thread Split Inserts	2244511	
Injection Molding Nozzle Screwed into Mounting Flange	2248553	
Method of Three Layer Injection Molding With Sequential and Simultaneous Coinjection	2253042	
Injection Molding Cooling Core Having Spiral Grooves	2255798	
Injection Molding Cooling Core Having a Ribbed Cap	2255800	
Injection Molding Apparatus Having Mold Cores With Reverse Taper	2256090	2256090C
Injection Molding Valve Member Actuating Mechanism	2261367	
Injection Molding Apparatus with Removable Nozzle Seal	2262175	
Injection molding cooled cavity insert	2262176	
Method and Apparatus for Distributing Melt in a Multi-Level Stack Mold	2271407	2271407C
Injection molding heater with melt bore therethrough	2273517	
Drool control apparatus and method	2307945	
Valve Gate Assembly for Injection Molding	2317779	
Nozzle End for Multiple Tipped Injection Molding Nozzle	2332061	
Stack Injection Molding Apparatus with Separately Actuated Arrays of Valve Gates	2356011	
Valve Pin Actuating Mechanism	2357083	
Nozzle Seal	2358187	
Apparatus and Method For Multi-Layer Injection Molding	2367737	
Apparatus and Method For Multi-Layer Injection Molding	2367741	
Apparatus and Method for Three Layer Injection Molding	2367746	
Method for Fast Manufacturing and Assembling of Hot Runner Systems	2376244	
Injection Molding Component with Heating Element and Method of Making	2398436	
Compact Cartridge Hot Runner Nozzle and Method of Making	2402170	
Gap Seal Between Nozzle Components	2405879	
Injection Nozzle System and Injection Machine Incorporating Same	2406162	
Method and Apparatus for an Automated Injection Molding Configuring & Manufacturing System	2412341	
Thermally Balanced Hot Runner Nozzle	2412802	

Title	Application No.	Patent No.
Valve Pin Locking Mechanism	2418653	
Removable Heater For A Hot Runner Nozzle	2436571	
Valve Pin Adjustment Device	2437076	
Improved Valve to Valve Melt Transfer Device	2437294	
Manifold to Nozzle Sealing Mechanism	2441139	
Mixing Device	2443483	
Injection Molding Apparatus and Linear Actuator with Position Sensor Therefore	2445224	
Tight Pitch Nozzle With Individual Valve Gate Control	2448129	
Injection nozzle with planar heater	2448706	
Injection Molding Component with Heating Element and Method of Making	2448901	
In-Line Valve Gated Nozzle	2449907	
Nozzle with Thermally Conductive Device	2450039	
Hot Runner Nozzle With A Tip, A Tip Surrounding Piece And An Alignment Piece	2450411	
Hot Runner Co-injection Nozzle	2451898	
Nozzle Tip and Seal	2452112	
Injection Molding Nozzle with Embedded and Removable Heaters	2452179	
Nozzle and Method for Making a Nozzle with a Removable and Replaceable Heating Device	2452894	
Lateral Gating Injection Molding Apparatus	2453170	
Injection Molding Apparatus Having An Elongated Nozzle Incorporating Multiple Nozzle Bodies in Tandem	2455514	
Heat Dissipation Device For And Method of Dissipating Heat From A Nozzle	2455537	
Heat Dissipation Device for And Method of Dissipating Heat From a Manifold	2455739	
Telescopic Manifold Nozzle Seal	2457583	
Valve gated injection molding system with independent flow control	2457643	
Injection Molding Valve Pin Bushing	2461461	
Gap Seal Between a Nozzle and a Mold Component in an Injection Molding Gap Seal Between a Nozzle and a Mold Component in an Injection Molding Appar	2462310	
Tip Assembly Having at Least Three Components for Hot Runner Nozzle	2462311	
Front-mountable, Edge-gating Nozzle	2463356	
Hot Runner Nozzle with Melt Sealing	2463402	
Valve Pin With Thermocouple	2463498	
Injection Molding Nozzle with Helical Cooling Conduit	2464607	
Injection Manifold Having a Valve Pin Guiding Device	2470793	2470793C

Title	Application No.	Patent No.
Mold and Hot Runner Controller Located on the Machine Platen	2471439	
Injection Molding Manifold with Multi-Axis Adjustable Manifold Blocks and Nozzles	2471659	
Method and Apparatus for Measuring the Temperature of Molten Material in a Mold Cavity	2473112	
A Valve Pin Guide for a Valve-Gated Nozzle	2473920	
GATE ASSEMBLY FOR REDUCING DROOLING OF MELT FROM A SPRUE BAR	2473921	
Thermal Seal Between Manifold and Nozzle	2474024	
An Injection Nozzle Having a Heated Head Portion	2475051	
Valve-Gated Injection Molding System with Side-Mounted Actuator	2478929	
MODULAR INJECTION NOZZLE HAVING A THERMAL BARRIER	2482254	
Mold Gate Insert with a Thermal Barrier	2485039	
A Valve Pin Guiding and Alignment System for an Injection Molding Machine	2492701	
Metering device for a nozzle of an injection molding apparatus	2498897	
Valve Gated Nozzle with Pressure Sensor Linked to the Valve Pin	2502377	
Nozzle Having a Nozzle Body with Heated and Unheated Nozzle	2503665	
Injection Molding Nozzle Having An Annular Flow Tip	2509110	
Valve-Gated Injection Molding Nozzle Having An Annular Flow	2509114	
Adjustable Valve Pin Actuator For An Injection Molding Apparatus	2521406	
Manifold Plug for an Injection Molding Apparatus	2523636	
Snap on Flange	2523894	
Injection Molding Nozzle with Rounded Tip	2523900	
Edge Gated Injection Molding Apparatus	2523963	
Guided Valve Pin For An Injection Molding Apparatus	2536903	
Guided Valve Pin For An Injection Molding Apparatus	2536905	
Hot Runner Nozzle and Manifold Seal	2537831	
Configurable Manifold	2542374	
Thermal Shroud and Method of Making Same	2547377	
Valve Pin Guiding Tip For A Nozzle	2551047	
Melt Redistribution Element for an Injection Molding Apparatus	2561998	
Melt Transfer Device For A Stack Injection Molding Apparatus	2569661	
Injection Molding One-Piece Insert Having Cooling Chamber with Radial Rib Portions	2572585	
Compact Cartridge Hot Runner Nozzle and Method of Making	2580869	
Compact Cartridge Hot Runner Nozzle and Method of Making	2580974	
Individual Cavity Shut-Off For An Injection Molding Apparatus	2591729	

Title	Application No.	Patent No.
Open Loop Pressure Control For Injection Molding	2591730	
Valve Pin Actuating Device For A Hot Runner Apparatus	2592237	

**SCHEDULE C
CANADIAN COPYRIGHTS**

Copyright	Copyright Registration
Mold Plus	449501
Spiral Design	1047098

SCHEDULE D
U.S. PATENTS AND PATENT APPLICATIONS

Title	Application No.	Patent No.
Injection Molding Multiple Nozzle Valve Gating System	07/086641	4786246
Injection Molding Probe with Insulation and Locating Hoop Portion	07/086845	4777348
Injection Molding System Having Clamped Rotatable Nozzles & Method	07/130205	4793795
Mounting for Injection Molding Nozzle	07/155988	4795338
Injection Molding Elongated Probe Having Integral Heating Element & Locating Means	07/186551	4820147
Injection molding nozzle having multiple thickness heating element	07/187310	4865535
Injection Molding Valve Gating One of Two Nozzles in Tandem	07/187445	4836766
Injection Molding System With Nozzles in Tandem	07/191882	4818217
Injection Molding Nozzle Having Nose Portion with Heating Element Encircling the Bore & Method	07/260920	4911636
Method of Manufacture of an Electrical Terminal on an Injection Molding Nozzle	07/261732	4837925
Injection Molding Nozzle with Replaceable Gate Inserts	07/265408	5028227
Injection Molding Rack and Pinion Valve Pin Actuating Mechanism	07/287161	4919606
Sprue gated stack injection molding system	07/306159	4891001
Injection Molding System Having a Valve Member with a Ribbed Insulative Portion	07/315487	4923387
Injection Molding Nozzle With Self-Supporting Actuating Mechanism	07/331230	4979892
Injection Molding System Having Valve Member Split Ring	07/362067	4917593
Injection Molding System Having Offset Valve Pin Biasing Mechanism	07/362233	4938681
Injection Molding System Having Dual Feed Bushing Seated in Manifold	07/377065	4932858
Injection Molding System with Gas Flow Through Valve Gate	07/398990	4917594
Injection Molding System with Flanged Insulating Gate Seal	07/399972	4981431
Pneumatic Actuating Mechanism for Injection Molding	07/399999	5022846
Injection Molding Insulated Valve Member	07/430325	5002480
Method of Making an Injection Molding Nozzle Having Nose Portion with Heating Element Encircling the Bore	07/446183	4941249
Injection Molding Manifold and Nozzle Having Laterally Clamped Flanges	07/477497	5000675
Method of Making a Selected Size Injection Molding Nozzle	07/478503	4945630
Injection Molding Manifold Having a Pair of Cooling Bores on Opposite Sides of the Melt Passage	07/489044	5007821
Injection molding cooled socket holder for a heated nozzle	07/576841	5015170
Pre-Wired Injection Molding Assembly	07/576857	5030084

Title	Application No.	Patent No.
Injection Molding Apparatus Having Separate Heating Element in the Cavity Forming Insert	07/635991	5061174
Injection Molding Nozzle for an Injection Molding System	07/711300	5135377
Injection molding manifold with integral heated inlet portion	07/726883	5142126
Injection Molding Apparatus with Angled Tip Probe	07/799205	5118279
Injection Molding Sealing Collar With Central Hot Tip Shaft	07/835501	5206040
Method of Manufacturing Injection Molding Probe	07/836352	5148594
Injection molding probe with coaxial thermocouple tube & heating element	07/837155	5238391
Multi-Cavity Melt Distribution Manifold	07/884601	5227181
Coinjection molding apparatus having rotary axial actuating mechanism	07/889132	5238378
Injection Molding Nozzle With Removable Forward Member	07/931208	5268184
Injection Molding Nozzle Insert	07/933817	5269676
Injection molding nozzle with partially unheated heating element	07/986601	5282735
Method of Making Injection Molding Nozzle With Heating Element Extending Outward Between Adjacent Collar Portions	07/997243	5235737
Injection Molding Nozzle With Thermocouple Tube	08/025123	5312242
Injection Molding Nozzle Insert with Valve Member Locating Blades	08/051895	5334008
Injection molding torpedo with shaft having ceramic central portion	08/053496	5284436
Two Piece Injection Molding Nozzle Seal	08/095538	5299928
Injection Molding Nozzle Which Retains a Thermocouple Element	08/106617	5346388
Injection Molding Apparatus with Perpendicular Hot Tip Gates	08/170827	5366370
Valve Gated Injection Molding Apparatus with a Spring in the Piston	08/183313	5334010
Injection Molding Valve Member Sealing Bushing With Thin Collar Portion	08/206712	5387099
Injection Molding Nozzle With Two Removable Inserts	08/254538	5421716
Injection molding manifold having a heating element extending between the plates	08/254558	5496168
Injection Molding Nozzle With Helical Cooling Conduit	08/276409	5427519
Injection Molding One-Piece Insert Having Cooling Chamber with Radial Rib Portions	08/276623	5443381
Injection Molding Nozzle With Removable Collar Portion	08/278835	5429491
Injection Molding Heated Nozzle with Protective Tubes	08/312532	5507636
Injection Molding Nozzle With Collar Having Locating and Retaining Lug Portions	08/312535	5474440
Method of Making Injection Molding Nozzle	08/321007	5437093
Injection Molding Torpedo With Thermocouple Bore	08/323588	5405258
Valve Gated Stack Injection Molding Apparatus	08/359425	5460510
Injection Molding Nozzle with Separable Core and One-Piece Collar	08/364962	5507635

Title	Application No.	Patent No.
Method of Manufacturing Injection Molding Manifold Having A Melt Passage With An Elbow	08/373444	5441197
Side Gated Injection Molding Apparatus With Radially Mounted Gate Inserts	08/463921	5591465
Injection molding hot tip side gate seal with circumferential rim	08/463970	5494433
Injection molding apparatus with nozzle advanceable to mount side gate seals	08/464286	5536165
Injection molding nozzle with pressed in heating element and integral collar portion	08/502922	5614233
Valve Member Locating Insert For Injection Molding Nozzle	08/520161	5700499
Cooled Thread Split Inserts for Injection Molding Preforms	08/558622	5599567
Injection Molding Nozzle Manifold	08/585519	5641526
Injection Molding Carbide Torpedo	08/585848	5658604
Injection Molding Valve Member With Head and Neck Portions	08/662004	5695793
Injection Molding Manifolds with Melt Connector Bushing	08/692704	5720995
Four Heated Nozzle Manifolds Interconnected in a Common Plane	08/692706	5705202
Heated Nozzle Manifolds In Common Plane Interconnected Through Connector Manifolds	08/692707	5707664
Injection Molding Nozzle Method Using a Terminal Locating & Sealing Ring	08/699164	5704113
Heating Element Method	08/708814	5644835
Injection Molding Nozzle Guide and Sealing Ring	08/747438	5795599
Injection Molding Nozzle With Radial Vanes	08/771114	5652003
Injection Molding Nozzle with Edge Gate Inserts and Sealing Ring	08/779973	5820899
Injection molding apparatus with a one piece gate insert locating a cylindrical valve member	08/854243	5849343
Connector Bushing for Injection Molding Manifolds	08/872005	5792493
Nozzle Retaining Apparatus	08/878034	5853777
Injection Molding Manifolds with Melt Connector Bushing	08/958511	5843361
Injection Molding Apparatus Having Melt Bore Through The Front End of The Pin	08/969754	5935615
Injection Molding Apparatus Having Melt Dividing Bushings	08/969755	6135751
Injection Molding Apparatus Having Inter-Manifold Melt Transfer Bushings	08/969756	5935616
Sprue Gated Multi-Layer Injection Molding Apparatus	08/969764	6062841
Injection Molding Apparatus Having Melt Transfer and Dividing Bushing	08/977675	6030198
Five Layer Injection Molding Apparatus Having Four Position Valve Member Actuating Mechanism	08/977676	6074191
Side Gated Injection Molding Apparatus With Actuated Manifold	08/978863	5952016

Title	Application No.	Patent No.
Multi-layer injection molding apparatus having adjustable valve member	09/013278	5942257
Injection molding cooled gate insert	09/036909	6017209
Injection Molding Three Portion Gate and Cavity Insert	09/036910	6030202
Injection Molding Cylindrical Manifold Insert and Method	09/058919	6095790
Injection molding apparatus having nozzles with elongated mounting flanges	09/100989	5980236
Injection Molding Nozzle Screwed into Mounting Flange	09/176368	6162043
Method of Making Injection Molding Nozzle With Tip Insert	09/195095	6009616
Method of Three Layer Injection Molding With Sequential and Simultaneous Coinjection	09/204246	6099780
Injection Molding Apparatus Having Melt Bore Through The Front End of The Pin	09/215389	6270711B1
Injection Molding Cooling Core Having Spiral Grooves	09/218637	6079972
Injection Molding Cooling Core Having a Ribbed Cap	09/218640	6077067
Injection Molding Apparatus Having Mold Cores With Reverse Taper	09/221767	6203310B1
Injection Molding Valve Member Actuating Mechanism	09/257141	6113381
Injection Molding Apparatus with Removable Nozzle Seal	09/261466	6302680B1
Injection molding cooled cavity insert	09/261467	6176700B1
Apparatus and Method for Three Layer Injection Molding	09/271835	6655945B1
Apparatus and Method For Multi-Layer Injection Molding	09/274443	6648622B1
Multi-Cavity Injection Molding Apparatus Splitting Melt Near Nozzle Front	09/285179	6162044
Shuttle System for an Apparatus and Method for Injection Molding	09/289148	6398537B2
Drool control apparatus and method	09/309648	6348171B1
Seepage system for an injection molding apparatus	09/322573	6196826B1
Injection molding heater with melt bore therethrough	09/327490	6447283B1
Five Layer Injection Molding Apparatus Having Four Position Valve Member Actuating Mechanism	09/327641	6274075B1
Apparatus and Method For Multi-Layer Injection Molding	09/329036	6440350B1
Melt Transfer System (Revised)	09/425237	6454558B1
Method of Making an Injection Molding Cylindrical Manifold Insert	09/455386	6230384B1
Method of Multi-Layer Injection Molding	09/456848	6350401B1
Injection Molding Component with Heating Element and Method of Making	09/493149	6405785B1
Compact Cartridge Hot Runner Nozzle and Method of Making	09/520843	6394784B1
Method and Apparatus for Distributing Melt in a Multi-Level Stack Mold	09/568130	6575731B1
Externally Heated Hot-Runner Nozzle with Resistance Wire	09/582553	6323465B1
Method and Apparatus for an Automated Injection Molding Configuring & Manufacturing System	09/595154	6675055B1

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Injection Molding Nozzle Apparatus	09/610009	6318990B1
Injection Molding Apparatus Having Melt Dividing Bushings	09/614008	6286751B1
Stack Injection Molding Apparatus with Separately Actuated Arrays of Valve Gates	09/654165	6755641B1
Injection Molding Nozzle With Tip Insert	09/678248	6625873B1
Injection molding cooled cavity insert	09/734020	6488881B2
Method and Injection Molding Machine for Producing Injection-Molded Articles, Especially Toothbrush Bodies or Toothbrushes	09/869676	6776600B1
Method of Making Injection Molding Cooled Thread Split Inserts	09/922594	RE38396
Injection Molding Apparatus With Cooled Core	09/928230	RE38265
Valve Gate Assembly for Injection Molding	09/944109	6830447B2
Injection Manifold Having a Valve Pin Guiding Device	10/022282	6752618B2
Compact Cartridge Hot Runner Nozzle and Method of Making	10/025767	6638053B2
Compact Cartridge Hot Runner Nozzle and Method of Making	10/025768	6561789B2
Nozzle End for Multiple Tipped Injection Molding Nozzle	10/052571	6688875B2
Gate Assembly For Reducing Drooling of Melt From a Sprue Bar	10/076656	6835060B2
Injection Nozzle Tip	10/110198	6789745B1
Injection Molding Component with Heating Element and Method of Making	10/171615	6701997B2
Removable Heater For A Hot Runner Nozzle	10/210883	6780003B2
Improved Alignment Collar for a Nozzle	10/232619	6890473B2
Valve Pin Actuating Mechanism	10/237035	6893249B2
Metering device for a nozzle of an injection molding apparatus	10/245723	6884061B2
Gap Seal between Nozzle Components	10/261660	6962492B2
Gap Seal Between a Nozzle and a Mold Component in an Injection Molding Gap Seal Between a Nozzle and a Mold Component in an Injection Molding Appar	10/262967	6869276B2
Tip Assembly Having at Least Three Components for Hot Runner Nozzle	10/262982	6921257B2
Valve Pin With Thermocouple	10/268885	6739863B2
Injection Nozzle System and Injection Machine Incorporating Same	10/268886	6769901B2
Mold Material Processing Device, Method & apparatus for Producing Same	10/276962	7044191B2
Injection Molding Nozzle with Helical Cooling Conduit	10/279024	6887418B2
Valve Bushing Assembly	10/279850	6840758B2
Small Pitch Nozzle with a Thermally Conductive Insert for an Injection Molding Machine	10/304747	6945767B2
Thermally Balanced Hot Runner Nozzle	10/311530	7137806B2
Injection Molding Nozzle Screwed into Mounting Flange	10/323869	RE38920
Multi-Cavity Injection Molding Apparatus Splitting Melt Near Nozzle Front	10/327671	

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Method and Apparatus for Measuring the Temperature of Molten Material in a Mold Cavity	10/338744	6936199B2
Thermal Seal Between Manifold and Nozzle	10/357420	6860732B2
An Injection Nozzle Having a Heated Head Portion	10/358378	6992269B2
Valve Pin Locking Mechanism	10/361698	7022278B2
A Valve Pin Guide for a Valve-Gated Nozzle	10/369564	6921259B2
Valve-Gated Injection Molding System with Side-Mounted Actuator	10/386933	7014455B2
Mold Gate Insert with a Thermal Barrier	10/411399	7025585B2
Method and Apparatus for Distributing Melt in a Multi-Level Stack Mold	10/420921	6852265B2
Compact Cartridge Hot Runner Nozzle and Method of Making	10/465804	6761557B2
Mold Flow Transfer Mechanism Having a Melt Homogenizing Device	10/465861	7115226B2
Hot Runner Nozzle with Interlaced Heater and Sensor	10/601190	7108502B2
A Valve Pin Guiding and Alignment System for an Injection Molding Machine	10/629699	7025586B2
Decompression Device For An Injection Molding Apparatus	10/637576	7125242B2
Valve Pin Adjustment Device	10/639488	7131834B2
Improved Valve to Valve Melt Transfer Device	10/640685	6955534B2
Guided Valve Pin For An Injection Molding Apparatus	10/651547	7168943B2
Mixing Device	10/674807	
Injection Molding Apparatus and Linear Actuator with Position Sensor Therefore	10/680220	7044728B2
Transfer Seal For A Removable Nozzle Tip Of An Injection Molding Apparatus	10/686624	7131832B2
Valve Pin guiding Tip For A Nozzle	10/699867	7128566B2
Tight Pitch Nozzle With Individual Valve Gate Control	10/700521	7192270B2
Injection nozzle with planar heater	10/701493	7156648B2
Nozzle with Thermally Conductive Device	10/713211	7131833B2
In-Line Valve Gated Nozzle	10/716827	7029269B2
Hot Runner Nozzle With A Tip, A tip Surrounding Piece And An Alignment Piece	10/717623	7137807B2
Method for Fast Manufacturing and Assembling of Hot Runner Systems	10/720017	7236841B2
Diamond Coating of Nozzle Tip	10/722120	7134868B2
Stroke Limiter for Valve Actuating Mechanism	10/725031	704853B2
Hot Runner Co-injection Nozzle	10/725538	7175419B2
Injection Molding Nozzle with Embedded and Removable Heaters	10/726482	
Injection Molding Component with Heating Element and Method of Making	10/728871	7040378B2
Nozzle Tip and Seal	10/728872	7165965B2

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Nozzle and Method for Making a Nozzle with a Removable and Replaceable Heating Device	10/732417	7118704B2
Lateral Gating Injection Molding Apparatus	10/736624	7198740B2
Two Position Double Injection Molding Apparatus and Method	10/749001	7210917B2
Injection Molding Apparatus Having An Elongated Nozzle Incorporating Multiple Nozzle Bodies in Tandem	10/751507	7160100B2
Heat Dissipation Device For And Method of Dissipating Heat From A Nozzle	10/755366	7118703B2
Heat Dissipation Device for And Method of Dissipating Heat From a Manifold	10/755367	7105123B2
Telescopic Manifold Nozzle Seal	10/775154	7189071B2
Valve gated injection molding system with independent flow control	10/777643	7175420B2
Injection Molding System with Flow Control	10/785068	
Method and Apparatus for Removing Melt from a Dead Melt Residue Stagnation Zone Adjoining a Valve Pin In An Injection Molding Apparatus	10/785105	
Hot Runner Manifold Plug for Rheological Balance in Hot Runner Injection Molding	10/786017	
Method and Apparatus for Heating a Nozzle With Radiant Energy	10/801672	7160101B2
Injection Molding Valve Pin Bushing	10/805382	7172409B2
Valve Gated Nozzle with Pressure Sensor Linked to the Valve Pin	10/809707	7182893B2
Injection Molding Nozzle and Tip	10/810679	7238019B2
Guided Valve Pin For An Injection Molding Apparatus	10/811176	
Cast Hot Runner Manifold for Injection Molding Apparatus	10/812028	
Sprue Bar Anti-Drool with Side Entry	10/813165	
Gap Seal Between a Nozzle and a Mold Component in an Injection Molding Gap Seal Between a Nozzle and a Mold Component in an Injection Molding Appar	10/817825	6945768B2
Front-mountable, Edge-gating Nozzle	10/819165	7179081B2
Hot Runner Nozzle with Melt Sealing	10/819267	7252498B2
Gap Seal Between Nozzle Components	10/822855	7018197B2
Hot Runner Nozzle with Removable Tip and Tip Retainer	10/839337	7143496B2
Mold and Hot Runner Controller Located on the Machine Platen	10/871570	7258536B2
Pivot Nozzle	10/871684	7172411B2
Injection Molding Manifold Having A heating System With Two Portions	10/873459	
Stack Injection Molding Apparatus with Separately Actuated Arrays of Valve Gates	10/877990	7086852B2
Injection Nozzle System and Injection Machine Incorporating Same	10/880438	7182591B2
Removable Heater For A Hot Runner Nozzle	10/885128	7125243B2

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Injection Nozzle Tip	10/889301	7201335B2
Method and Apparatus for Distributing Melt in a Multi-Level Stack Mold	10/892397	7122145B2
Tip Assembly Having at Least Three Components for Hot Runner Nozzle	10/899033	6971869B2
Gap Seal Between a Nozzle and a Mold Component in an Injection Molding Gap Seal Between a Nozzle and a Mold Component in an Injection Molding Appar	10/902470	6988883B2
Tip Assembly Having at Least Three Components for Hot Runner Nozzle	10/925211	
Hot Runner Nozzle and Manifold Seal	10/936726	724418B2
Front-mountable, Edge-gating Nozzle	10/968459	
Injection nozzle with planar heater	10/986061	
Injection Molding Apparatus with a melt channel valve pin	10/962551	7226283
Multiple Materials Injection Molding Method	11/065136	
Front-mountable, Edge-gating Nozzle	11/065166	
Injection Molding Nozzle Having An Annular Flow Tip	11/065167	
Insulating Collar for an Injection Molding Apparatus	11/065565	
Thermal Seal Between Manifold and Nozzle	11/067660	7168941B2
Modular Injection Nozzle Having A Thermal Barrier	11/100457	
Nozzle Having a Nozzle Body with Heated and Unheated Nozzle	11/100506	
Metering device for a nozzle of an injection molding apparatus	11/113359	7192268B2
Micro Molding Manifold (Small Pitch)	11/120205	
Tip Assembly Having at Least Three Components for Hot Runner Nozzle	11/135525	7108503B2
Valve-Gated Injection Molding Nozzle having an Annular Flow	11/142915	
Melt Transfer Device For A Stack Injection Molding Apparatus	11/155726	
Adjustable Valve Pin Actuator For An Injection Molding Apparatus	11/237886	
Balanced Manifold	11/242038	
Extruded Shape for Distribution of Electrical Wiring, Hydraulic Fluid and Cooling Fluid around a Hot Runner System, Inside an Injection Mold	11/247155	
Multi Zone Temperature Controller For Injection Molding System	11/252243	
Manifold Plug for an Injection Molding Apparatus	11/252790	
Snap on Flange	11/252883	
Injection Molding Nozzle with Rounded Tip	11/252884	
Edge Gated Injection Molding Apparatus	11/253585	
Injection Molding Nozzle With Recessed Terminal	11/286479	
Retainer for a mold gate insert for use in an injection molding apparatus	11/298059	
Anti-Drool Mechanism For a Sprue Bushing	11/301075	
Insert For an Injection Molding Apparatus	11/339957	
Valve Bushing With Vent Channels For An Injection Molding Apparatus	11/347137	
Nozzle End for Multiple Tipped Injection Molding Nozzle	11/352519	

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Heater For A Manifold of An Injection Molding Apparatus	11/354416	
Edge Gate Nozzle Seal	11/373600	
Configurable Manifold	11/399940	
A Valve Pin Guiding and Alignment System for an Injection Molding Machine	11/400216	7223092B2
Thermal Shroud and Method of Making Same	11/435969	
Valve Pin With Thermocouple	11/436185	
Extruded Shape for Distribution of Electrical Wiring, Hydraulic Fluid and Cooling Fluid around a Hot Runner System, Inside an Injection Mold	11/455243	
Hot Runner Nozzle with Interlaced Heater and Sensor	11/510994	
Using Load Cells to Prevent Melt Leakage	11/548769	
Coinjection Molding Apparatus and Related Hot-Runner Nozzle	11/549365	
Injection Molding Nozzle With Recessed Terminal	11/563087	
Method for Fast Manufacturing and Assembling of Hot Runner Systems	11/608396	
Valve-Gated Injection Molding Nozzle Having an Annular Flow	11/609152	
Valve Gated Nozzle with Pressure Sensor Linked to the Valve Pin	11/615620	
Injection Nozzle System and Injection Machine Incorporating Same	11/679455	
Hot Runner Nozzle with Interlaced Heater and Sensor	11/681593	
Hot Runner Nozzle with Interlaced Heater and Sensor	11/685266	
Open Loop Pressure Control For Injection Molding	11/736901	
A Manifold Nozzle Connection For An Injection Molding System	11/746054	
Injection Molding Nozzle With Valve Pin Alignment	11/746060	
Valve Bushing Having Thermally Insulative Component	11/753310	
Individual Cavity Shut-Off For An Injection Molding Apparatus	11/764163	
Valve Pin Actuating Device For A Hot Runner Apparatus	11/764845	
Injection Molding Apparatus Having Valve Pin Bushing	11/845859	
Heated Injection Molding Nozzle with Alternate Thermocouple Bores	161814	5326251
Hot-Runner Controller	29/215302	D525592
Injection Molding Nozzle Having Circumferentially Spaced Conductive Probes	317741	4921708
Wear Resistant Titanium Zirconium Molybdenum (TZM) Alloy Component	60/805184	
Nozzle for Use In An Injection Molding Apparatus	60/814549	
In-Line Valve Gated Hot Runner Nozzle For An Injection Molding Apparatus	60/867088	
Co-injection with Melt Flow Balancing	60/871169	
Self-Regulating Valve for Injection Molding Apparatus	60/871193	
Edge Gated Injection Molding Apparatus	60/871668	

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Injection Molding System Having A Bus	60/871672	
Edge Gated Injection Molding Apparatus	60/882872	
Hot Runner Actuator	60/891009	
Hot Runner Nozzle Having Thermal Insert At Downstream End	60/908404	
Hot Runner Having Temperature Sensor For Controlling Nozzle Heater and Related Method	60/940300	
Multi-Piece Valve Pin Bushing	60/942929	
Melt Balancing Element in a Manifold Melt Channel	60/94585	
Servo Driven Synchro Plate	60/945881	
Edge-Gated Nozzle	60/956627	
Injection Molding Nozzle Having Tapered Heating Element Adjacent the Bore	635989	5046942
Thermal valve gated injection molding apparatus with melt distribution plate	671207	5094603
Injection Molding Probe with a Longitudinal Thermocouple Bore and Off Center Heating Element	675874	5122050
Injection Molding Apparatus with Integral Cooling in a Forward Portion of the Nozzle	678729	5118280
Injection Molding System Having Spring Biased Nozzles	681634	5049062
Injection Molding Apparatus with Heated Valve Member	704222	5106291
Heated Nozzle for Plastic Injection and Manufacturing Method Therefor	759925	5226596
Multi-Cavity Injection Molding System	770112	5223275
Injection Molding Apparatus Having an Insulative and Resilient Spacer Member	785253	5125827
Multi-Cavity Injection Molding Heated Nozzle	877770	5217730
Injection Molding Insert Having an Aligned Pin and Melt Inlet	96934	5366369

SCHEDULE E
U.S. TRADEMARKS AND TRADEMARK APPLICATIONS

Trademark	Application No.	Trademark Registration #
Dura Mega-Shot	74/429167	2019486
Flex-Series	78/361109	
Femto-Lite	78/392962	
Accu-Valve	78/873356	
Mold-Masters Limited System	43871	1072894
Rheo-Flow	78/942495	
Melt-Link	78/360984	
Melt-Disk	78/873359	
Fusion Series	78/900804	
Flex-Dura	75/166773	2196973
Mastercare	78/391774	3243510
Endura	78/906272	
Dura Femto-Shot	74/674405	2177077
Nozzle Design 1	76/510772	2911838
Nozzle Design 2	76/510771	2911837
Nozzle Design 3	76/510770	2911836
Dura	74/214901	2042134
Scan-Master	583456	1447183
Master-Series	76/417873	2940466
Injectioneering	74/081891	1703159
Merlin	75/696113	2389509
Dura Hecto-Shot	74/429170	1984430
Dura Centi-Shot	74/429168	1933748
Merlin	76/170673	2802817
Pivot-Link	78/361001	
Optima	78/212140	
Master-Probe	426873	1282175
Master-Shot	73/215570	1186387
Hot Edge	138894	1142933
Masterspeed	78/391833	3044627
Mastersolution	78/391757	3044626
The Ultimate Customer Experience	76/042139	2873062
Dura Deci-Shot	74/429169	1932033
Dura Pico-Shot	74/429166	1932032
Mold-Masters Limited Academy	74/210875	1918627
Stack-Link	76/472943	2990935
Mold-Masters Limited	26671	1020951

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